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 TI Microparticle-containing pressure-sensitive acrylic polymer adhesives
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 PA Nitto Denko Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
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 DT Patent
 LA Japanese
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 CC 38-3 (Plastics Fabrication and Uses)
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02011684	A2	19900116	JP 1988-162228	19880629
	JP 2829414	B2	19981125		
PRAI	JP 1988-162228		19880629		

AB The title adhesives with thixotropic adhesive property and good pattern printing ability comprise alkyl acrylate monomers and microparticles with av. diam. <100 .mu.m. Acrylic acid 3, Bu acrylate 97, ethylene glycol diacrylate 0.2, tert-butylanthraquinone 0.5, and White Carbon (av. diam.

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.mu.m) 6 parts were mixed to give an **adhesive**, which was **screen printed** on a polyester film with pattern of 10-mm diam. with 5-mm interval and exposed to UV radiation to give an adhesive sheet having good printability (need >30 s to expand printed diam. to 11 mm), peel strength on stainless steel board 500 g/20 mm, and retaining time (vertical with 1 kg load, 20 .times. 20 mm2) >60 s, vs. bad printability (0 s), 600, and >60, resp., for an adhesive without the

White

Carbon.

ST acrylic polymer silica powd adhesive; printability filled acrylic polymer adhesive; microparticle filler acrylic adhesive

IT Carbon black, uses and miscellaneous

RL: USES (Uses)

(microparticles, pressure-sensitive adhesives contg., with good printability)

IT Particles

(micro-, acrylic polymer-based adhesives contg., for good printability)

IT Adhesives

(photocurable, pressure-sensitive, acrylic polymer-based, contg. microparticles, for good printability)

IT 75-13-8D, Isocyanic acid, esters, polymer with isononyl acrylate and vinyl

acetate and methacrylic acid 79-10-7D, 2-Propenoic acid, polymer with

Bu

acrylate and acrylate oligomers 79-41-4D, polymer with isononyl

acrylate

and vinyl acetate and polyisocyanates 108-05-4D, Acetic acid ethenyl ester, polymer with isononyl acrylate and methacrylic acid and polyisocyanates **141-32-2D**, polymer with acrylic acid and acrylate oligomers **51952-49-9D**, Isononyl acrylate, polymer with vinyl acetate and methacrylic acid and polyisocyanates

RL: TEM (Technical or engineered material use); USES (Uses)

(adhesives, pressure-sensitive, contg. microparticles, with good printability)

IT 25119-83-9, Acrylic acid-butyl acrylate copolymer 127739-02-0